

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("4837168").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/01 12:43
S2	1	("4883776").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/01 12:26
S3	1	("4883746").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/01 12:26
S4	0	tag\$4 with high adj boiling with (photograph\$3 fluorescent) with (antigen\$1 probe\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/01 12:44
S5	1579	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/01 12:44
S6	0	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1) with high adj boiling	US-PGPUB; USPAT	OR	OFF	2005/11/01 12:45
S7	0	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1) with high adj boiling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 12:46
S8	8	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1) with (alkyl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl halide\$1 epoxide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 12:48
S9	8	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1) with (alkyl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 12:53
S10	0	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1) with solvent same (alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 12:55

S11	48	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1) same (alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 12:56
S12	8	tag\$4 with (photograph\$3 fluorescent) with (antigen\$1 probe\$1) with (alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 13:08
S13	0	functional\$2 with (photograph\$3 fluorescent) adj coupler with (antigen\$1 probe\$1) with (alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 13:10
S14	220279	(alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1) near4 solvent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 18:23
S15	0	S5 and probe with photogrpahic adj coupler	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:16
S16	0	S5 and probe with photographic adj coupler	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:16
S17	0	S5 and probe with photographic adj coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:16
S18	0	S5 and probe with fluorescent adj coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:16
S19	762	S5 and probe with fluorescent	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:16
S20	150	S5 and probe with fluorescent adj tag	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:29
S21	280	S5 and probe with (fluorescent adj tag fluorophore\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:32
S22	470	S5 same (fluorescent adj tag fluorophore\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/01 13:33
S23	421	S5 with (fluorescent adj tag fluorophore\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/01 18:23

S24	220279	(alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1) near4 solvent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 18:23
S25	10	S24 with (fluorescent adj tag fluorophore\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:16
S26	4	S24.clm. and (fluorescent adj tag fluorophore\$1).clm.	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:19
S27	3	S24 and polymer with functional adj group with (fluorophore\$1 tag\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:22
S28	27	polymer with functional adj group with (fluorophore\$1 tag\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:22
S29	43	polymer with functional adj group\$1 with (fluorophore\$1 tag\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:24
S30	2	polymer with (bind\$3 interact\$3) with (target antigen probe) with functional adj group\$1 with (fluorophore\$1 tag\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:37
S31	1	photographichic adj coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:38
S32	818	photographic adj coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:38
S33	0	photographic adj coupler\$1 with polymer with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:38
S34	1	photographic adj coupler\$1 same polymer with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:39
S35	0	photographic adj coupler\$1 same polymer\$1 with (bind\$3 coupl\$3) near3 (antigen\$1 probe\$1 target)	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:41
S36	0	photographic adj coupler\$1.in.	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:41
S37	50	photographic adj coupler\$1.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:51
S38	32167	("436").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:44
S39	3	S38 and photographic adj coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:55
S40	0	photographic adj coupler\$1 and detect\$3.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:51
S41	0	photographic adj coupler\$1 and (detect\$3.ti. sensor.ti.)	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:51
S42	600	S38 and coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:55
S43	93	S38 and coupler\$1 with dye\$3	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:55

S44	5	S38 and dye adj forming adj coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/01 19:56
S45	88	S38 and (color\$4 dye\$4) near3 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/03 15:58
S46	1	"I17" and (color\$4 dye\$4) near3 coupler\$1.clm.	US-PGPUB; USPAT	OR	OFF	2005/11/03 15:58
S47	32189	("436").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/03 15:58
S48	13	S47 and (color\$4 dye\$4) near3 coupler\$1.clm.	US-PGPUB; USPAT	OR	OFF	2005/11/03 16:02
S49	4	S47 and (color\$4 dye\$4) near3 coupler\$1.clm. and polymer.clm.	US-PGPUB; USPAT	OR	OFF	2005/11/03 16:03
S50	63	S47 and (color\$4 dye\$4) near3 coupler\$1 and polymer	US-PGPUB; USPAT	OR	OFF	2005/11/03 16:04
S51	9	S47 and (color\$4 dye\$4) near3 coupler\$1 and polymer and (alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1) near4 solvent	US-PGPUB; USPAT	OR	OFF	2005/11/03 16:07
S52	10	S47 and (color\$4 dye\$4) near3 coupler\$1 and polymer\$1 and (alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1) near4 solvent	US-PGPUB; USPAT	OR	OFF	2005/11/03 17:07
S53	2	S47 and (color\$4 dye\$4) near3 coupler\$1 and polymer\$1 with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:15
S54	1	"L2" and (color\$4 dye\$4) near3 coupler\$1 with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:16
S55	32189	("436").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:16
S56	1	S55 and (color\$4 dye\$4) near3 coupler\$1 with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:16
S57	1	S55 and (color\$4 dye\$4) near3 coupler\$1 same functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:16
S58	96	(color\$4 dye\$4) near3 coupler\$1 same functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:17
S59	25	(color\$4 dye\$4) near3 coupler\$1 with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:19

S60	42	(color\$4 dye\$4) near3 coupler\$1 and functional adj group\$1 and assay	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:20
S61	4	(color\$4 dye\$4) near3 coupler\$1 and polymer with functional adj group\$1 and assay	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:28
S62	9697	(color\$4 dye\$4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:31
S63	586	(color\$4 dye\$4) near2 coupler\$1 and array	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:31
S64	42	(color\$4 dye\$4) near2 coupler\$1 same array	US-PGPUB; USPAT	OR	OFF	2005/11/04 10:32
S65	13	(color\$4 dye\$4) near2 coupler\$1 and functional\$3 with (probe\$1 antigen\$1 target)	US-PGPUB; USPAT	OR	OFF	2005/11/04 11:04
S66	30207	microspheres	US-PGPUB; USPAT	OR	OFF	2005/11/04 11:04
S67	697	microspheres.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/04 11:12
S68	4	microspheres.ti. and functional adj group\$1 and (dye\$4 color\$4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 11:16
S69	0	S68 and boil	US-PGPUB; USPAT	OR	OFF	2005/11/04 11:16
S70	3	S68 and boil\$3	US-PGPUB; USPAT	OR	OFF	2005/11/04 11:16
S71	4	microsphere\$1.ti. and functional adj group\$1 and (dye\$4 color\$4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 11:19
S72	45	immunoassay and (dye\$4 color\$4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 14:09
S73	413	(436/56).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:04
S74	0	S73 and (dye\$4 color\$4) near2 coupler	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:09
S75	0	S73 and (dye\$4 color\$4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:04
S76	5	S73 and coupler	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:10
S77	5	S73 and coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:10
S78	3	immunoassay and polymer\$3 with (dye\$4 color\$4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 14:16
S79	13	immunoassay and (dye\$4 color\$4) near2 coupler\$1 and micron\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 14:17

S80	1	immunoassay and (dye\$4 color\$4) near2 coupler\$1 and polymer\$3 with micron\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 14:43
S81	1	("4258001").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/04 14:39
S82	10	(dye\$4 color\$4) near2 coupler\$1 with polymer\$3 with micron\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:20
S83	0	(dye\$4 color\$4) near2 coupler\$1 with polymer\$3 with micron\$1 and assay	US-PGPUB; USPAT	OR	OFF	2005/11/04 14:44
S84	0	coupler\$1 with polymer\$3 with micron\$1 and assay	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:20
S85	21	coupler\$1 with polymer\$3 with micron\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:21
S86	0	coupler\$1 with polymer\$3 with micron\$1 and (immunoassay)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:21
S87	0	coupler\$1 with polymer\$3 with micron\$1 and (8\$assay)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:21
S88	0	coupler\$1 with polymer\$3 with micron\$1 and (8\$assay\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:21
S89	1	("4672029").PN.	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:24
S90	0	S89 and (diethyl adj phthalate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:24
S91	0	S89 and (dibutyl adj phthalate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:24
S92	0	S89 and (dipentyl adj phthalate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:25
S93	0	S89 and (diisoamyl adj phthalate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:25
S94	0	S89 and (phthalate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:25
S95	0	S89 and (tributyl)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:25
S96	0	S89 and (citrate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:25
S97	0	S89 and (sebacate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:25
S98	0	S89 and (adipate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:26
S99	0	S89 and (azelate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:26
S10 0	0	S89 and (sulfoxide)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:26
S10 1	0	S89 and (triphenyl\$8)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:26

S10 2	0	S89 and (tricresyl\$7)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:27
S10 3	0	S89 and (trihexyl\$8)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:27
S10 4	0	S89 and (acetyl)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:27
S10 5	0	S89 and (dodecanamide)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:28
S10 6	0	S89 and (phenol)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:28
S10 7	0	S89 and (toluene)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:28
S10 8	0	S89 and (benzoate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:28
S10 9	0	S89 and (sulfonamide)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:28
S11 0	1	S89 and (alcohol)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:29
S11 1	0	S89 and (undecyl)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:29
S11 2	0	S89 and (oleyl)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:29
S11 3	0	S89 and (benzoate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:29
S11 4	0	S89 and (glycollate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:29
S11 5	0	S89 and (urea)	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:29
S11 6	413	(436/56).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:51
S11 7	56	S116 and microns	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:52
S11 8	24	S116 and microns and solvent\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:52
S11 9	2	S116 and polymer\$4 with microns and solvent\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 15:55
S12 0	3	S116 and polymer\$4 with microns and (alkyl adj phthalate\$1 aryl adj phthalate\$1 alkyl adj amide\$1 phosphate\$1 phenol\$1 alcohol\$1 sulfoxide\$1 ester\$1 hydrocarbon\$1 alkyl adj halide\$1 epoxide\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:00
S12 1	1748	solvent with (high near3 boil\$3 high adj vapor pressure) with coupler	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:01
S12 2	232	solvent with (high near3 boil\$3 high adj vapor pressure) with (dye\$4 color\$4) near2 coupler	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:01

S12 3	224	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:03
S12 4	1	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler and microsphere\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:03
S12 5	191	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler	USPAT	OR	OFF	2005/11/04 16:04
S12 6	25	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler and (tag\$4 trac\$4)	USPAT	OR	OFF	2005/11/04 16:04
S12 7	28	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler and (tag\$4 trac\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/05 13:57
S12 8	8	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler and (tag\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:10
S12 9	541880	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler same coat\$4 polymer	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:11
S13 0	0	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler same coat\$4 near3 polymer	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:11
S13 1	19	solvent with (high near3 boil\$3 high adj vapor adj pressure) with (dye\$4 color\$4) near2 coupler with coat\$4	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:12
S13 2	14	(dye\$4 color\$4) near2 coupler with coat\$4 near3 polymer\$4	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:13
S13 3	12	("4552654" "4587211" "4703002" "5024935" "5074887" "5155024" "5200315" "5358852").PN. OR ("5496702"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/04 16:14
S13 4	1480	chromatography and (dye\$4 color\$4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:26
S13 5	1251	chromatography and (dye\$4 color\$4) near2 coupler\$1 and polymer\$4	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:27
S13 6	0	chromatography.ti. and (dye\$4 color\$4) near2 coupler\$1 and polymer\$4	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:27
S13 7	9	chromatography same (dye\$4 color\$4) near2 coupler\$1 and polymer\$4	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:29

S13 8	0	chromatography.ti. and (dye\$4 color4) near2 coupler\$1	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:57
S13 9	9294	develop\$3 with oxid\$5 with (color\$4 dye\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/04 16:58
S14 0	47	develop\$3 with oxid\$5 with (color\$4 dye\$4) same (chromatography assay immunoassay)	US-PGPUB; USPAT	OR	OFF	2005/11/04 17:00
S14 1	1	develop\$3 with oxid\$5 with (color\$4 dye\$4) same (chromatography assay immunoassay) and solvent with (high near3 boil\$3 high adj vapor adj pressure)	US-PGPUB; USPAT	OR	OFF	2005/11/04 17:00
S14 2	16	munkholm.in.	US-PGPUB; USPAT	OR	OFF	2005/11/05 13:49
S14 3	6	munkholm.in. and urea	US-PGPUB; USPAT	OR	OFF	2005/11/05 13:50
S14 4	1	(dye\$4) near2 coupler\$1 same (microns nanometers) same (high adj boil\$4 high adj vapor adj pressure)	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:01
S14 5	0	(dye\$4) near2 coupler\$1 same (ligand antibody) with (microns nanometers)	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:09
S14 6	1067	immunoassay.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:09
S14 7	321	immunoassay.ti. and polymer	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:11
S14 8	149	immunoassay.ti. and polymer\$4 with (ligand antibody)	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:11
S14 9	3	immunoassay.ti. and polymer\$4 with (ligand antibody) with (microns nanometers)	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:13
S15 0	0	immunoassay.ti. and polymer\$4 with functional adj group\$1 with (microns nanometers)	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:14
S15 1	52	immunoassay.ti. and polymer\$4 with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:35
S15 2	0	immunoassay.ti. and polymer\$4 with functional adj group\$1 with tag\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:14
S15 3	0	immunoassay.ti. and polymer%3 with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:35
S15 4	52	immunoassay.ti. and polymer\$3 with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:41
S15 5	5	immunoassay.ti. and polymer\$3 with functional adj group\$1 and coupler	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:46

S15 6	9	immunoassay.ti. and polymer\$3 with functional adj group\$1 and (microns nanometers)	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:49
S15 7	1	immunoassay.ti. and polymeric adj (substrate backbone) with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:52
S15 8	34	immunoassay.ti. and polymeric with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 14:59
S15 9	1	immunoassay.ti. and polymeric with functional adj group\$1 same (microns nanometers)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:00
S16 0	34	immunoassay.ti. and polymeric with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:02
S16 1	0	affinity adj chromatography.ti. and polymeric with functional adj group\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:02
S16 2	6	affinity adj chromatography.ti. and polymeric with (functional adj group\$1 ligand\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:04
S16 3	34	immunoassay.ti. and polymeric with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:07
S16 4	0	immunoassay.ti. and polymeric with (functional adj group\$1) with diameter\$1	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:07
S16 5	0	immunoassay.ti. and polymeric adj beads with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:08
S16 6	0	immunoassay.ti. and polymeric adj sphere\$1 with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:08
S16 7	34	immunoassay.ti. and polymeric with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:18
S16 8	125525	immunoassay.ti. and polymeric adj carrier\$1with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:11
S16 9	1	immunoassay.ti. and polymeric adj carrier\$1 with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:13
S17 0	3	immunoassay.ti. and polymeric adj (bead\$1 microsphere\$1) with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:18
S17 1	35	polymeric adj (bead\$1 microsphere\$1) with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:19
S17 2	0	polymeric adj (bead\$1 microsphere\$1) with (functional adj group\$1) same (microns nanometers)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:19

S17 3	35	polymeric adj (bead\$1 microsphere\$1) with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:20
S17 4	0	polymeric adj (bead\$1 microsphere\$1) with (functional adj group\$1) same micrometers	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:21
S17 5	35	polymeric adj (bead\$1 microsphere\$1) with (functional adj group\$1)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:26
S17 6	0	polymeric adj (bead\$1 microsphere\$1) with (functional adj group\$1) same tag\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:26
S17 7	0	polymeric adj (particle\$1 bead\$1 microsphere\$1) with (functional adj group\$1) same tag\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:26
S17 8	1	polymeric adj (matrix particle\$1 bead\$1 microsphere\$1) with (functional adj group\$1) same tag\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:27
S17 9	6	polymeric with (functional adj group\$1) with tag\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:48
S18 0	0	polymeric with (functional adj group\$1) with (dye\$4) near2 coupler\$1 and high adj boil\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:49
S18 1	1	polymeric with (functional adj group\$1) same (dye\$4) near2 coupler\$1 and high adj boil\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:51
S18 2	106	polymeric same (dye\$4) near2 coupler\$1 and high adj boil\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:51
S18 3	18	polymeric same (dye\$4) near2 coupler\$1 same high adj boil\$4	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:51
S18 4	8	polymeric same (dye\$4) near2 coupler\$1 same high adj boil\$4 and (analyte ligand target probe)	US-PGPUB; USPAT	OR	OFF	2005/11/05 15:51
S18 5	77	dye\$4 near2 coupler\$1 same high adj boil\$4 adj solvent	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:15
S18 6	0	dye\$4 near2 coupler\$1 same high adj boil\$4 adj solvent and immunoassay	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:15
S18 7	77	dye\$4 near2 coupler\$1 same high adj boil\$4 adj solvent	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:16
S18 8	0	(I48and436).CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:15
S18 9	32189	("436").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:15
S19 0	0	S189 and S187	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:15

S19 1	266	(dye\$4 color\$4) near2 coupler\$1 same high adj boil\$4 adj solvent	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:16
S19 2	0	(dye\$4 color\$4) near2 coupler\$1 same high adj boil\$4 adj solvent and S189	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:16
S19 3	0	(dye\$4 color\$4) near2 coupler\$1 same high adj boil\$4 adj solvent and immunoassay	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:17
S19 4	0	(dye\$4 color\$4) near2 coupler\$1 same high adj boil\$4 adj solvent and analyte	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:17
S19 5	266	(dye\$4 color\$4) near2 coupler\$1 same high adj boil\$4 adj solvent	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:22
S19 6	0	(dye\$4 color\$4) near2 coupler\$1 same high adj boil\$4 adj solvent and assay	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:22
S19 7	183	(dye\$4 color\$4) near2 coupler\$1 and assay	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:23
S19 8	45	(dye\$4 color\$4) near2 coupler\$1 and immunoassay	US-PGPUB; USPAT	OR	OFF	2005/11/05 16:23
S19 9	4	(dye\$4 color\$4) near2 coupler\$1 and immunoassay and (high adj boil\$4 vapor adj pressure)	US-PGPUB; USPAT	OR	OFF	2005/11/07 09:21
S20 0	196	(styren\$4 acrylic polyester) and immunoassay.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/07 09:23
S20 1	3	(styren\$4 acrylic polyester) with (microns micrometers) and immunoassay.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/07 09:23
S20 2	0	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) with functinal adj group\$1 and immunoassay.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/07 11:08
S20 3	106	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) with functional adj group\$1 and immunoassay.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/07 13:01
S20 4	269	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) with (antibod\$4 antigen\$1) and immunoassay.ti.	US-PGPUB; USPAT	OR	OFF	2005/11/07 13:05
S20 5	167	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) with (antibod\$4 antigen\$1) with (link\$3 bind\$4) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 13:19
S20 6	20	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) with DNA with (link\$3 bind\$4) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 13:24

S20 7	18	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde).with DNA with (antibod\$4 antigen\$1) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 13:31
S20 8	119	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) adj group with (antibod\$4 antigen\$1) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 13:39
S20 9	5	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) adj linkage with (antibod\$4 antigen\$1) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 14:08
S21 0	21	("3682634" "3709808" "3852157" "4025501" "4064228" "4078049" "4104367" "4123431" "4281065" "4490473" "4939264" "5155166" "5157123").PN. OR ("5492841"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/07 13:40
S21 1	11	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) adj bond with (antibod\$4 antigen\$1) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 14:18
S21 2	27	("4041076").URPN.	USPAT	OR	OFF	2005/11/07 14:14
S21 3	0	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) adj functional adj group with (antibod\$4 antigen\$1) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 14:18
S21 4	0	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) adj functional adj group\$1 with (antibod\$4 antigen\$1) and immunoassay.ti.	US-PGPUB; USPAT	OR	ON	2005/11/07 14:19
S21 5	46	(carboxyl amino hydroxyl hydrazide amide chloromethyl epoxy aldehyde) adj functional adj group\$1 with (antibod\$4 antigen\$1)	US-PGPUB; USPAT	OR	ON	2005/11/07 14:19